

Abstract Of The Disclosure

A hollow cylinder has an opening at one end, and a push rod passes through the opening so that a coupling at one end of the push rod is in the cylinder. A piston is reciprocally movably in the cylinder, and a spring urges the piston into contact with the coupling. The opening includes a through groove configured to pass the coupling when the longitudinal axes of the cylinder and the push rod are normal and to prevent the coupling from coming out when the longitudinal axes of the cylinder and the push rod align. An insertion groove in the side surface of the cylinder is continuous with the through groove and is adapted for passing a rod portion in the inserting state.